**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number

10/828,846

Filing Date

April 20, 2004

First Named Inventor

Binder, Steven R.

Art Unit

1631

Examiner Name

Allen, Marianne P.

Attorney Docket Number

02558B-063710US

ENCLOSURES (Check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
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| | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. | |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Gerald T. Gray

Date

January 20, 2005

Reg. No.

41,797

CERTIFICATE OF TRANSMISSION/MAILING

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January 21, 2005

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TOWNSEND and TOWNSEND and CREW LLP

By: 



PATENT
Attorney Docket No.: 02558B-063710US
Client Reference No.: BRP00107

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steven R. Binder, et al.

Application No.: 10/828,846

Filed: April 20, 2004

For: PATTERN RECOGNITION
METHOD FOR DIAGNOSIS OF
SYSTEMIC AUTOIMMUNE DISEASES

Examiner: Allen, Marianne P.

Art Unit: 1631

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

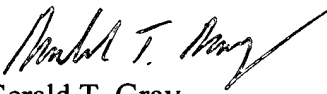
Sir:

The references cited on the attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/691,405, filed October 17, 2000 (Attorney Docket No. 02558B-063700US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

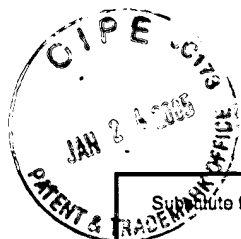
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


Gerald T. Gray
Reg. No. 41,797

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GTG:jvl
60402364 v1



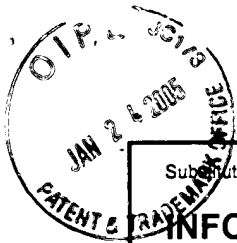
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/828,846
		Filing Date	April 20, 2004
		First Named Inventor	Binder, Steven R.
		Art Unit	1631
		Examiner Name	Allen, Marianne P.
Sheet 1	of 2	Attorney Docket Number	02558B-063710US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	1.	JP	11-504739	A	04-27-1999	Horus Therapeutics, Inc.		<input checked="" type="checkbox"/>
	2.	WO	97/05553	A1	02-13-1997	Horus Therapeutics, Inc.		<input type="checkbox"/>
	3.	JP	06-509865	A	11-02-1994	Terrapin Technologies Inc.		<input checked="" type="checkbox"/>
	4.	WO	92/17784	A1	10-15-1992	Terrapin Technologies Inc.		<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
60402364 v1



Substitute for form 1449B/PTO		Complete if Known	
		<i>Application Number</i>	10/828,846
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		<i>Filing Date</i>	April 20, 2004
		<i>First Named Inventor</i>	Binder, Steven R.
		<i>Art Unit</i>	1631
		<i>Examiner Name</i>	Allen, Marianne P.
		<i>Attorney Docket Number</i>	02558B-063710US
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5.	GRUS, F. and ZIMMERMANN, C., "Identification and classification of autoantibody repertoires (western blots) with a pattern recognition algorithm by an artificial neural network" Electrophoresis 18:1120-1125 (1997)	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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